

Arcadia

SPECIFICATION

MATERIAL

Porcelain stoneware - Classified in Group Bla UGL con $ev \leq 0,5\%$.

Complies with all the requirements of UNI EN 14411 ISO 13006 APP. G standards.



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Catalog

	COLORS		SIZES	THICKNESS
	Bianco	V2	<u>SUPREME MATTE RECTIFIED (6 mm)</u> 120x280 (47 ^{1/4} "x110 ^{1/4} ") <u>REALUP MATTE RECTIFIED (9 mm)</u> 120x120 (47 ^{1/4} "x47 ^{1/4} ") 120x60 (47 ^{1/4} "x23 ^{1/2} ") 60x60 (23 ^{1/2} "x23 ^{1/2} ") 30x60 (11 ^{7/8} "x23 ^{1/2} ") <u>ANTISLIP RECTIFIED (9 mm)</u> 120x60 (47 ^{1/4} "x23 ^{1/2} ") <u>DEHORS ANTISLIP RECTIFIED (20 mm)</u> 120x60 (47 ^{1/4} "x23 ^{1/2} ")	
	Crema	V2		6 mm
	Beige	V2		9 mm
	Visone	V2		20 mm
	Terra	V2		

PROCESS certified according to the ISO 9001 quality standard

Product obtained from exceptionally pure, choice quality raw materials, including light-coloured clays, feldspar fluxes, kaolins, sands and coloured ceramic pigments. Pressing in hydraulic presses allows a pressure of over 500kg/cm² to be applied to the product, guaranteeing dimensional precision, planarity and high mechanical strength. The product's colours and patterns are achieved with the innovative Digital Technology. The materials are fired in single-layer roller kilns at temperatures of over 1,220°C.

GREEN BUILDING: CERTIFIED ENVIRONMENTAL SUSTAINABILITY

The tiles in the Arcadia collection are ideal for eco-sustainable building:

- They are produced in plants which have an EMAS-ISO 14001 certified environmental management system.
- They help to obtain credits for the construction of buildings in accordance with the LEED certification programme.

Size

Finishes

Colors Type





Arcadia



FLOORS



WALLS



FACING SYSTEMS



RESIDENTIAL INDOOR



RESIDENTIAL OUTDOOR



PUBLIC INDOOR



PUBLIC OUTDOOR



HEAVY TRAFFIC

TECHNICAL TABLE PORCELAIN STONEWARE

Conforming to standards EN 14411 ISO 13006 APPENDIX G GROUP BIa UGL con $Ev \leq 0,5\%$

PHYSICAL PROPERTIES		TESTING METHOD	REFERENCE STANDARD			PRODUCT VALUES
	Sizes	EN ISO 10545-2		7cm ≤ N < 15 cm (mm)	N ≥ 15 cm (%) (mm)	Rectified
			Length and width	±0.9	±0.6 ±2.0	±0.2 %
			Thickness	±0.5	±5.0 ±0.5	±5 %
			Linearity	±0.75	±0.5 ±1.5	±0.2 %
			Wedging	±0.75	±0.5 ±2.0	±0.2 %
			Warpage	±0.75	±0.5 ±2.0	±0.2 %
			Appearance: percentage of acceptable tiles, per lot	95 % min.	95 % min.	-
	Water absorption %	EN ISO 10545-3	Ev ≤ 0,5%			< 0,1 %
	Modulus of rupture	EN ISO 10545-4	Average value 35 N/mm ² min.			45 N/mm ²
	Breakage resistance		sp. > = 7,5 mm: min 1300 N sp. < 7,5 mm: min 700 N			2300 N (9 mm)
	Scratch resistance	EN ISO 10545-6	175 mm ³ max.			Average < 150 mm ³
	Thermal expansion coefficient	EN ISO 10545-8	Declared Value			6,8 MK-1
	Thermal shock resistance	EN ISO 10545-9	Test passed according to ISO 10545-1			* Resistant
	Frost resistance	EN ISO 10545-12	Test passed according to ISO 10545-1			* Resistant
	Resistance to low concentration of acids and alkali		Declared Value			* Resistant
	Resistance to high concentration of acids and alkali	EN ISO 10545-13	Declared Value			* Resistant
	Resistance to domestic chemicals and additives for swimming pools		UB min.			UA
	Stain resistance of unglazed matte porcelain	EN ISO 10545-14	Declared Value			* Resistant
	Friction coefficient (slipperiness)	DIN 51130	Annex A			Declared Value
		DIN 51097	Annex B			Declared Value
		B.C.R.A. - D.M.236/ 89	If needed			> 0,40 Dry / > 0,40 Wet
		ANSI A326.3	If needed			≥ 0,42 Wet